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#6	(vehicle* <or> car* <or> automobile*)<and>((modif* <or> chang* <or> edit* <or> correct*) <sentence> (gas* <or> (power* <sentence> suppl*) <or> fuel* <or> energy*) <sentence> (line* <or> curve* <or> diagram*)) <and> ((threshold* <or> max* <or> min* <or> predetermin* <or> ~~pre-determin~~) <sentence> (gas* <or> (power* with suppl*) <or> fuel* <or> energy*)) <in> pdfdata
#7	(vehicle* <or> car* <or> automobile*)<and>((modif* <or> chang* <or> edit* <or> correc (gas* <or> fuel* <or> energy*) <sentence> (curve* <or> diagram*)) <and> (((threshold' min* <or> predetermin* <or> ~~pre-determin~~) <sentence> (pass* <or> exceed* <or> <sentence> level*) <sentence> (gas* <or> fuel* <or> energy*)) <in> pdfdata

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1. **Au-ITO anode for efficient polymer light-emitting device operation**
   Lin Ke; R.S. Kumar; Peng Chen; Lu Shen; Soo-Jin Chua; A.P. Burden;
   Photonics Technology Letters, IEEE
   Volume 17, Issue 3, March 2005 Page(s):543 - 545
   Digital Object Identifier 10.1109/LPT.2004.841031
   Summary: A thick gold layer is deposited on indium tin oxide (ITO) to improve the interf between the ITO anode and the organic layer in organic light-emitting diodes (LEDs). W improvement, the device with structure ITO/Au/hole-transport-lay.....
   AbstractPlus | Full Text: PDF(208 KB) **IEEE JNL**
   Rights and Permissions

2. **Preliminary biochemical fuel cell investigations**
   Colichman, E.L.;
   Proceedings of the IEEE
   Volume 51, Issue 5, May 1963 Page(s):812 - 819
   Summary: The action of Desulfovibrio bacteria has been observed in a prototype bioch The catabolic action of this microorganism m a properly balanced system, i.e., containin electrolyte-nutrient and bio-fuel combination, shows promise .....
   AbstractPlus | Full Text: PDF(769 KB) **IEEE JNL**
   Rights and Permissions

3. **Energy optimization of pipelined digital systems using circuit sizing and supply s**
   Dao, H.Q.; Zeydel, B.R.; Oklobdzija, V.G.;
   Very Large Scale Integration (VLSI) Systems, IEEE Transactions on
   Volume 14, Issue 2, Feb. 2006 Page(s):122 - 134
   Digital Object Identifier 10.1109/TVLSI.2005.863760
   Summary: We present a systematic method for minimizing the energy of pipelined digit through joint optimization of each pipeline stage and the system. A pipeline stage with a can either be optimized for delay at a given input size, mi.....
   AbstractPlus | Full Text: PDF(728 KB) **IEEE JNL**
   Rights and Permissions

4. **Hydrogen-sensitive silicon tunnel MIS switching diodes**
   Kawamura, K.; Yamamoto, T.;
   Electron Device Letters, IEEE
   Volume 4, Issue 4, Apr 1983 Page(s):88 - 89
   Summary: Palladium thin SiO2-n-p^+silicon switching diodes have been fabricated in wh voltage changes in proportion to the hydrogen concentration in the ambient gas. In the t operated at 100°C, the switchin.....

AbstractPlus | Full Text: PDF(376 KB) **IEEE JNL**
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5. **Optical fiber loop memory using vertical to surface transmission electro-photonic**
Yamanaka, Y.; Numai, T.; Kasahara, K.; Kubota, K.;
Lightwave Technology, Journal of
Volume 11, Issue 12, Dec. 1993 Page(s):2140 - 2144
Digital Object Identifier 10.1109/50.257981
Summary: An optical fiber loop memory is proposed, using a photonic switch device of surface transmission electro-photonic device. The photonic switch works as an optical p The operation stability as the memory was analyzed, and mo.....
AbstractPlus | Full Text: PDF(364 KB) **IEEE JNL**
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6. **Guaranteed stability of haptic systems with nonlinear virtual environments**
Miller, B.E.; Colgate, J.E.; Freeman, R.A.;
Robotics and Automation, IEEE Transactions on
Volume 16, Issue 6, Dec. 2000 Page(s):712 - 719
Digital Object Identifier 10.1109/70.897782
Summary: Design of haptic systems that guarantee stable interaction is a challenging ta environments are typically highly nonlinear-resulting in a nonpassive discrete-time mode investigate how nonlinear mass/spring/damper virtual .....
AbstractPlus | References | Full Text: PDF(168 KB) **IEEE JNL**
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7. **Energy-centric enabling tecumologies for wireless sensor networks**
Min, R.; Bhardwaj, M.; Seong-Hwan Cho; Ickes, N.; Shih, E.; Sinha, A.; Alice Wang; Cha
Wireless Communications, IEEE [see also IEEE Personal Communications]
Volume 9, Issue 4, Aug. 2002 Page(s):28 - 39
Digital Object Identifier 10.1109/MWC.2002.1028875
Summary: Not available.....
AbstractPlus | References | Full Text: PDF(871 KB) **IEEE JNL**
Rights and Permissions

8. **A quantitative analysis of the net benefits of grid integrated wind**
Denny, E.; Bryans, G.; Fitz Gerald, J.; O'Malley, M.;
Power Engineering Society General Meeting, 2006. IEEE
18-22 June 2006 Page(s):8 pp.
Digital Object Identifier 10.1109/PES.2006.1709459
Summary: Throughout the world significant development is being encouraged in wind e electricity generation. A complete cost and benefit analysis has been conducted in this p connected wind generation. It takes into account system costs su.....
AbstractPlus | Full Text: PDF(160 KB) **IEEE CNF**
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9. **The special software package for the electron energy spectrum study of semicon**
Kalganov, V.D.; Mileshkina, N.V.; Sapronov, S.A.; Ostroumova, E.V.; Rogacheva, E.A.;
Microelectronics, 2004. 24th International Conference on
Volume 2, 16-19 May 2004 Page(s):495 - 497 vol.2
Summary: Special software package named FEESA was developed for the multipurpos measurement system, based on the field electron energy analyzer. FEESA tests both th control system and the measuring electric circuit to check for a pos.....
AbstractPlus | Full Text: PDF(354 KB) **IEEE CNF**
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10. **Generation reliability impacts of industry-owned distributed generation sources**
Chowdhury, A.A.; Koval, D.O.;
Industry Applications Conference, 2003. 38th IAS Annual Meeting. Conference Record
Volume 2, 12-16 Oct. 2003 Page(s):1321 - 1327 vol.2
Summary: The successful integration of industry-owned distributed generation (DG) so

power systems of deregulated electric utilities involves fundamental long-term issues, cc objectives and important uncertainties. Presently, corporate .....

AbstractPlus | Full Text: PDF(347 KB) **IEEE CNF**
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☐ **11. Thermal management of portable micro fuel cell stacks**
Hahn, R.; Krumm, M.; Reichl, H.;
Semiconductor Thermal Measurement and Management Symposium, 2003. Ninteenth A
11-13 March 2003 Page(s):202 - 209
Digital Object Identifier 10.1109/STHERM.2003.1194363
Summary: A prototype of a CamCorder with a PEM (polymer electrolyte membranes) fu consisting of a stack of fifteen bipolar plates was developed to deliver a maximum outpu This system replaces the Li-ion battery pack normally used .....

AbstractPlus | Full Text: PDF(664 KB) **IEEE CNF**
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☐ **12. Cost-effective energy system measures studied by dynamic modelling**
Andersson, M.; Bjork, C.; Karlsson, B.;
Advances in Power System Control, Operation and Management, 1993. APSCOM-93., ; Conference on
7-10 Dec 1993 Page(s):448 - 455 vol.1
Summary: In a national electricity system there often exists a great potential for increas efficiency of the electricity use. However, if the economic incentives for improving the us are too weak, it is most likely that this potenti.....

AbstractPlus | Full Text: PDF(604 KB) **IET CNF**

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L63 and ((threshold$ or max$ or min$ or predetermin$ or "pre-determin") with (gas$ or (power$ with suppl$) or fuel$ or energy))	3

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: 10/777140

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Search History

DATE: Friday, June 29, 2007 Purge Queries | Printable Copy | Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L64	L63 and ((threshold$ or max$ or min$ or predetermin$ or "pre-determin") with (gas$ or (power$ with suppl$) or fuel$ or energy))	3	L64
L63	L62 and ((modif$ or chang$ or edit$ or correct$) with (gas$ or (power$ with suppl$) or fuel$ or energy) with (line or curve or diagram$))	8	L63
L62	l58 or l59 or l61	89	L62
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L61	(5492102 | 4787044 | 4586480 | 5050554 | 4439158 | 3815564 | 4598374 | 5426587 | 4829963 | 5605132 | 4523281 | 4485443 | 5534759 | 4809177 | 4564906 | 4590908 | 4570226 | 4542460 | 4408293 | 4852011 | 5630397 |	37	L61

	5544521 | 4493303 | 4407132 | 3934430 | 5495906 | 4267545 | 4541052 | 5237862 | 5809969 | 5081365 | 5367455 | 3603112 | 4701852 | 4459671 | 4737915 | 3628889)![PN]		
	DB=PGPB,USPT,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR		
L60	("20020133279"| "5901684"| "4885690"| "5670830"| "5121324"| "US 5901684A"| "US 6445990B"| "AT 8400319A"| "US 5121324A") [ABPN1,NRPN,PN]	10	L60
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L59	l57	10	L59
	DB=PGPB,USPT,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR		
L58	("20020133279"| "5901684"| "4885690"| "5670830"| "5121324"| "US 5901684A"| "US 6445990B"| "AT 8400319A"| "US 5121324A")[URPN]	42	L58
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L57	5670830.pn. or 5901684.pn. or 20020133279 or 5121324.pn. or 4885690.pn.	10	L57
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L56	L53 and percent$	1	L56
L55	L53 and coefficient$	0	L55
L54	L53 and factor$	1	L54
L53	5901684.pn.	1	L53
	DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L52	L3 and (emission with sens$)	2	L52
L51	L23 and (emission with sens$)	0	L51
L50	L32 and (emission with sens$)	0	L50
L49	L31 and (emission with sens$)	0	L49
L48	L34 and (emission with sens$)	0	L48
L47	L37 and (emission with sens$)	0	L47
L46	L40 and (emission with sens$)	0	L46
L45	L16 and (sen$ with (gear or transmission))	0	L45
L44	L16 and (sen$ with range with transmission)	0	L44
L43	L39 and (sen$ with range with transmission)	2	L43
L42	L39 and (sen$ with slip$ with range with transmission)	0	L42
L41	L40 not L37	10	L41
L40	L39 and (slip$ with range with transmission)	10	L40
L39	L21 or L38	964	L39
L38	(701/54 |701/82).ccls.	771	L38
L37	L30 and L36	4	L37
L36	(slip$ with range with transmission) and vehicle	417	L36
L35	L34 and (control$ with fuel)	18	L35
L34	L30 and (sens$ with power$) and (sens$ with (transmission or gear$))	79	L34
L33	L32 and (mangag$ with fuel$)	0	L33
L32	L30 and (sens$ same load$ same (transmission or gear$))	82	L32

L31	L30 and (sens$ with load$ with gear$)	19	L31
L30	(701/50 |701/81).ccls.	1287	L30
L29	((sens$ same load$ same gear$) and (tranmission with rang$))	1	L29
L28	((sens$ same load$ same gear$) same (tranmission with rang$))	0	L28
L27	L21 and ((sens$ same load$ same gear$) same (tranmission with rang$))	0	L27
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L26	L7 and (track$)	0	L26
	DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L25	L7 and (driv$ same track$)	0	L25
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L24	L7 and (driv$ adj2 track$)	0	L24
	DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L23	L21 and driv$ adj2 track$	7	L23
L22	L21 and "drive-track"	0	L22
L21	(701/50 |701/81).ccls. and L20	196	L21
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L20	engine and ((construc$ adj vehicle$) or earth$)	42382	L20
L19	L2 and ((construc$ adj vehicle$) or earth$)	3	L19
L18	L2 and (construction$ adj vehicle$)	0	L18
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L17	L16 and (load$ with fuel$ with suppl$)	0	L17
L16	L15 or L7	3	L16
L15	5121324.pn.	1	L15
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L14	L12 and (fuel$ with suppl$)	8	L14
L13	L12 and (fuel adj2 suppl$)	1	L13
L12	vehicle and (rack adj2 position)	1880	L12
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L11	L5 and (fuel$ with limit$)	1	L11
L10	L7 and (control$ with fuel$ with curve)	1	L10
L9	L7 and (modif$ with curve)	1	L9
L8	L7 and (modif$ with fuel$ with curve)	1	L8
L7	L5 or L6	2	L7
L6	5901684.pn.	1	L6
L5	5670830.pn.	1	L5
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L4	L3 and (fuel$ with limit$)	14	L4
L3	L2 and vehicle	22	L3
L2	modif$ with fuel$ with curve	75	L2

L1	modif$ with fuel$ with curve with suppl$	1	L1

END OF SEARCH HISTORY